

Title (en)

METHOD OF COATING FUEL CELL SEPARATOR WITH SEAL MATERIAL

Title (de)

VERFAHREN ZUM BESCHICHTEN EINES BRENNSTOFFZELLENTRENNGLIEDES MIT DICHTMATERIAL

Title (fr)

PROCEDE DE REVETEMENT DE SEPARATEUR DE PILE A COMBUSTIBLE AVEC UN MATERIAU D'ETANCHEITE

Publication

**EP 1416555 A4 20060503 (EN)**

Application

**EP 02745973 A 20020711**

Priority

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Abstract (en)

[origin: EP1416555A1] A method of coating with a liquid seal material (61) the periphery of the gas passageway and water passageway of a fuel cell separator (57), comprising the steps of moving a nozzle section (33) installed in a seal material coating device (24) nearer to the separator than other portions than the coating start portion, and moving the nozzle section at a lower horizontal movement speed than that of other portions than the coating start portion in a seal material coating start portion (63). Moving the nozzle section nearer to the separator results in increasing the pressing force with which the seal material delivered from the nozzle section is pressed against the separator, to more intimately contact the seal material with the separator, thereby preventing the turning-up of the front end of the seal material. Further, lowering the horizontal movement speed of the nozzle section ensures coating with the seal material to a more uniform thickness.

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IPC 8 full level

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Citation (search report)

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- [Y] EP 0528047 A1 19930224 - FANUC LTD [JP]
- [XY] FR 2741438 A1 19970523 - RENAULT [FR]
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